

Patent Abstracts of Japan

PUBLICATION NUMBER : 10089482
PUBLICATION DATE : 07-04-98

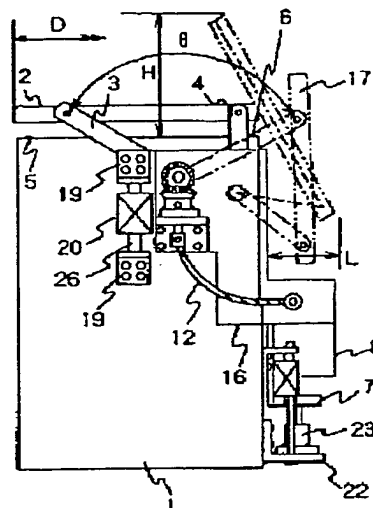
APPLICATION DATE : 12-09-96
APPLICATION NUMBER : 08241574

APPLICANT : HITACHI LTD;

INVENTOR : ISHIDA YASUHIKO;

INT.CL. : F16J 13/18 B01J 3/03

TITLE : COVER ON-OFF STRUCTURE FOR
VACUUM CHAMBER



ABSTRACT : PROBLEM TO BE SOLVED: To prevent any undue force from being imposed on a sealing surface, thereby lengthening its service life, by making it go up or down just before being closed by the on-off operation of a cover.

SOLUTION: In a cover driving structure of a vacuum chamber 1, if a starting open side is a front part in four pieces of horizontal and longitudinal link arms directly connected to a cover out of link arms of a driving part opening or closing a cover 2, a lateral arm in the front is set to be a long arm 3, and another lateral arm in the rear is to a short arm 4, respectively. In this constitution, these long and short arms 3, 4 and the cover 2 are all rectilinearly moved at the same time by means of a cylinder shaft.

COPYRIGHT: (C)1998,JPO

BEST AVAILABLE COPY